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520/350 CLAIMS

We claim:

1. A recombinant nucleic acid encoding a BLNK protein.
2. A recombinant nucleic acid according to claim 1 that is at least 60% identical to the sequence depicted in Figure 2.
3. A recombinant nucleic acid according to claim 1 wherein said BLNK protein is a human BLNK protein.
4. A recombinant nucleic acid according to claim 1 encoding the amino acid sequence depicted in Figure 1.
5. A recombinant nucleic acid according to claim 1 which will hybridize to the nucleic acid depicted in Figure 2 under high stringency conditions.
6. A recombinant nucleic acid according to claim 1 comprising the nucleic acid depicted in Figure 2.
7. An expression vector comprising transcriptional and translational regulatory DNA operably linked to DNA encoding a BLNK protein.
8. A host cell transformed with the nucleic acid of claim 1.
9. A host cell transformed with an expression vector according to claim 7.
10. A method of producing a BLNK protein comprising:
 - a) culturing a host cell transformed with nucleic acid encoding a BLNK protein; and
 - b) expressing said nucleic acid to produce a BLNK protein.

11. A recombinant BLNK protein.
12. A recombinant BLNK protein according to claim 11 encoded by a nucleic acid which hybridizes to the nucleic acid sequence shown in Figure 2 under high stringency conditions.
13. A recombinant BLNK protein according to claim 11 encoded by a nucleic acid which is at least 60% identical to the nucleic acid sequence shown in Figure 2.
14. A recombinant BLNK protein according to claim 11 which is at least about 50% homologous to the amino acid sequence shown in Figure 1.
15. A recombinant BLNK protein according to claim 11 which has the amino acid sequence shown in Figure 1.
16. A pharmaceutical composition comprising a BLNK protein.
17. A polypeptide capable of specifically binding to a BLNK 1 protein.
18. A polypeptide according to claim 17 wherein said polypeptide is an antibody.
19. An antibody which binds a BLNK protein.
20. A method for detecting a BLNK protein in a target sample comprising contacting a labelled polypeptide according to claim 17 with said target sample and assaying for the presence of binding between said labelled polypeptide and BLNK, if present, in said target sample.
21. A method for screening for a bioactive agent capable of binding to a BLNK protein, said method comprising combining a BLNK protein and a candidate bioactive agent, and determining the binding of said candidate agent to BLNK protein.

